



Form PTO-1449

INFORMATION DISCLOSURE CITATION
IN AN APPLICATION

(Use several sheets if necessary)

Document Number (Optional)

HT-03-009

Application Number

10/796,387

Applicant

Cheng T. Horng et al.

Filing Date

03/09/04

Group Art Unit

U. S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
WK	6581272	6/24/03	Li et al.	29	603.14	1/4/02
WK	6165607	12/26/00	Yamanobe et al.	428	332	11/20/97
WK	6331773	12/18/01	Engel	324	252	4/16/99
WK	6621666	9/16/03	Migauchi et al.	360	324.12	2/28/01
WK	6574079	6/3/03	Sun et al.	360	324.2	7/13/01

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

WK	-	Takagishi et al., "The Applicability of CPP-GMR Heads for Magnetic Recording", IEEE Trans on Magnetics, Vol. 38, No. 5, Sept. 2002, pp. 2277 - 2282.
WK	-	H. Fuke et al., "Influence of Crystal Structure and Oxygen Content on Exchange-Coupling Properties of IrMn/GFe Spin-Valve Films", Appl. Phys. Lett., Vol. 75, No. 23, 12/6/99, pp. 3680 - 3682.

EXAMINER

/William Klimowicz/ (08/31/2006)

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

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[illegible][illegible]

WK	-	Tanaka et al., "Spin-Valve Heads in the Current-Perpendicular to Plane Mode for Ultrahigh Density Recording", IEEE Trans. on Magnetism, Vol. 38, No. 1, Jan. 2002, pp. 84-88.
WK	✓	Ohashi et al., "Low-Resistance Tunnel Magnetoresistive Head", IEEE Trans. on Magnetism, Vol. 36, No. 5, Sept. 2000, pp. 2549-2553.

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10 | 796,387

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Cheng T. Horng et al.

Filing Date: 03/20/2013

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Group 101 Unit

U. S. PATENT DOCUMENTS

[illegible]

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

WK	-	Egelhoff et al., "Oxygen as a Surfactant in the Growth of Giant Magnetoresistance Spin Valves", Jnl of Appl. Phys., Vol. 82, No. 12, Dec. 1997, pp. 6142-6151.
WK	-	US Patent App. Pub. US 2004/0004261 A1 to Takahashi et al., Pub. Date 1/8/04, Filed 12/31/02, US Cl. 257/414.

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OTHER DOCUMENTS. (Including Author, Title, Date, Pertinent Pages, Etc.)

WK	-	US Patent App. Pub. US 2002/0161079 A1 to Staller et al., Pub. Date 10/31/02, Filed 1/7/02, US Cl. 524/127.
WK	-	US Patent App. Pub. US 2003/0184918 A1 to Lin et al., Pub. Date Oct. 2, 2003, Filed 4/2/02, US Cl. 360/314.

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FOREIGN PATENT DOCUMENTS

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OTHER DOCUMENTS (Including Author, Title, Date, Portion or Pages, Etc.)

WK -	U.S. Patent App. Pub., US 2002/0146580 A1 to Wang et al., Pub. Date 10/10/02, Filed 1/7/02, US Cl. 428/469.
WK -	U.S. Patent App. Pub., US 2003/0011940 A1 to Tateyama et al., Pub. Date 1/16/03, Filed 6/24/02, US Cl. 360/321.

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